Office 1401, Building B3, Wanda Plaza, Economic & Technology Development Zone, Wuhan, China
Tel：027-84618501 Mobile：+86-15171495795 Skype: andy.laser
Web：www.eetomachinery.com E-Mail：andy@eetomachinery.com

EETO Machinery

EETO Machinery Co. Ltd. is an integration of a laser cutting machine manufacturer and industrial machinery trading company based in south central China, Wuhan city, Hubei province. EETO Machinery is dedicated and committed to represent the highest quality in equipment and customer service.

The concept of EETO Machinery is to be a "Laser Supermarket". Our products include CO2, YAG, and fiber laser machines in all ranges of power that are already available in markets world-wide. In terms of application our products include cutting machines, marking machines and welding machines for nonmetal and metal processing. At EETO we also provide spare parts, technical services (including installation, training, repair, modification & upgrade, application guidance, and other services based on client's specific demand). EETO also provides other types of industrial machine procurement & sourcing services for clients in order to fulfill client's specific needs.

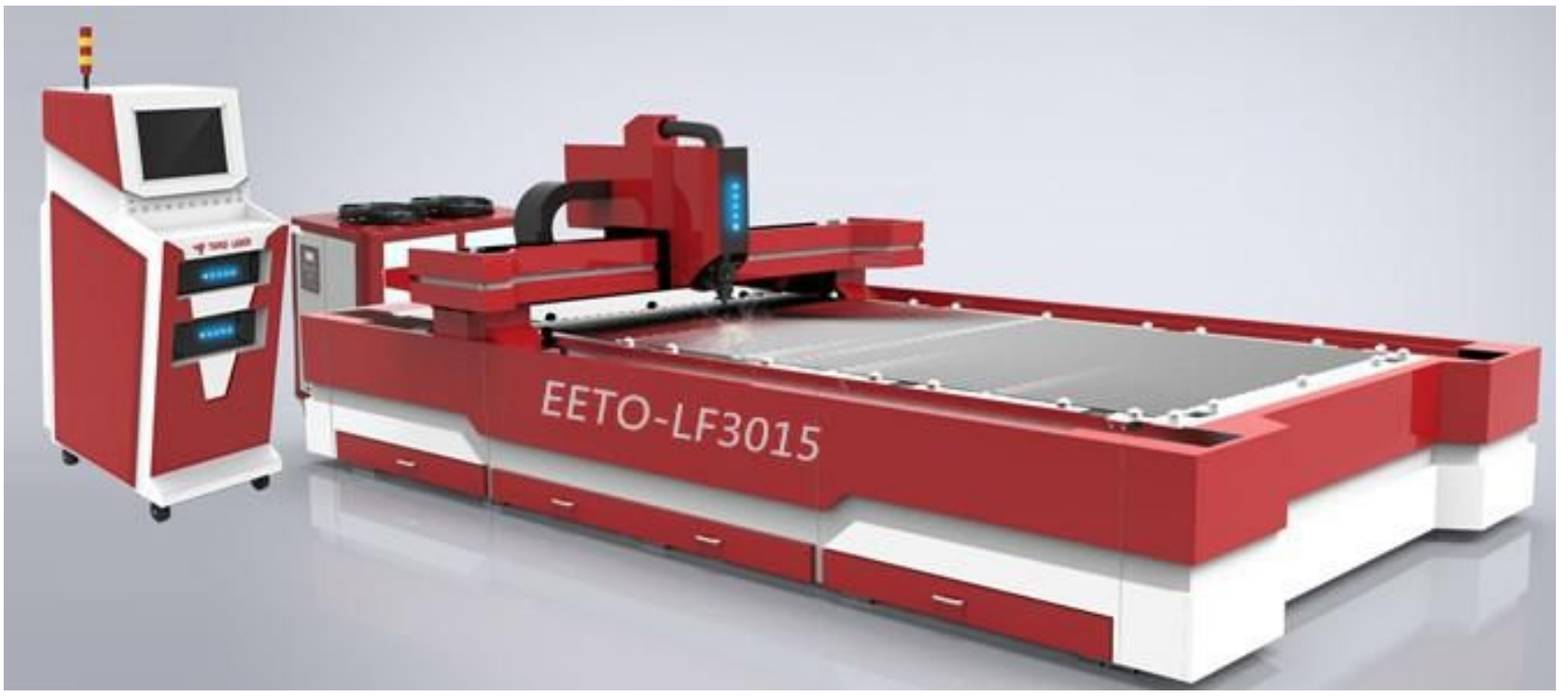
Company Culture

- ✓ Quality service is our main priority. Our motto: "Excellent service is our main product"
- ✓ Listening is the way. "Every word of our client's counts"
- ✓ Professional is what we stand for. "Machinery trading & services is our main focus"
- ✓ Cooperation under mutual benefits is our aim.
- ✓ "While conducting business we adhere to building strong & long term business relations."

Office 1401, Building B3, Wanda Plaza, Economic & Technology Development Zone, Wuhan, China
Tel：027-84618501 Mobile：+86-15171495795 Skype: andy.laser
Web：www.eetomachinery.com E-Mail：andy@eetomachinery.com

EETO-LF3015-500W Solution

500w fiber Laser Cutting Machine



Cutting samples

stainless steel cutting

Saws Cutting

machine Parts Cutting

Crafts Cutting

Carbon Steel Cutting

metal sheet Cutting

Office 1401, Building B3, Wanda Plaza, Economic & Technology Development Zone, Wuhan, China
Tel：027-84618501 Mobile：+86-15171495795 Skype: andy.laser
Web：www.eetomachinery.com E-Mail：andy@eetomachinery.com

I Technical parameters

Model	EETO-LF3015-500
Laser type	Fiber laser
Laser working medium	YVO4
Laser wavelength	1070 nm
Output power	500 W
Beam quality	＜0.373mrad
Working area	3000*1500
Geometric Position precision	≤±0.05mm/m
Re-location precision	≤±0.04mm
Worktable Max.load	800KG
Power demand	380V/50Hz/100A

II Cutting capacity

Materials	Max.cutting thickness	Recommend cutting thickness
Carbon Steel	6 mm	0.5--5mm
Stainless Steel	6 mm	0.5--4mm
Aluminum	2.5mm	0.5-2mm
Copper	2mm	0.5-1.5mm

III Cutting parameters

Materials	Thickness	Gas	Max.cutting speed (m/min)	Recommend cutting speed(m/min)
Carbon Steel	1mm	Oxygen	12	10
	2mm	Oxygen	4.8	4.2
	3mm	Oxygen	3.3	3
	4mm	Oxygen	2.4	2.2
	5mm	Oxygen	1.5	1.2
	6mm	Oxygen	1	0.9
Stainless Steel	1mm	Nitrogen	8.4	8
	1mm	Oxygen	13	11
	2mm	Nitrogen	3.3	3
	2mm	Oxygen	6.6	6
	3mm	Nitrogen	1	0.9
	3mm	Oxygen	3.3	3
	4mm	Oxygen	2.4	2.1
	5mm	Oxygen	1.5	1.2
	6mm	Oxygen	1	0.9

Office 1401, Building B3, Wanda Plaza, Economic & Technology Development Zone, Wuhan, China
Tel：027-84618501 Mobile：+86-15171495795 Skype: andy.laser
Web：www.eetomachinery.com E-Mail：andy@eetomachinery.com

IV Configurations table

No.	Name	Quantity	Country of origin
1	Laser		
(1)	500W Fiber Laser	1set	USA IPG
(2)	Laser power supply		
2	Laser path and cutting head		
(1)	Laser cutting head	1 pc	USA LaserMech
3	Machine		
(1)	Machine body	1 unit	China CSIC Group
(2)	X.Y axis gear rack	1 set	Sweden Linden 6H
(3)	Linear guide	1 set	TaiWan HIWIN
(4)	Servo motors and drives	3 set	Japan Panasonic
(5)	Reducer	1 set	Germany NEUGART
(6)	Control cabinet	1 set	China
(7)	Equipment accessories	1 set	China
4	CNC System and Software		
(1)	CNC System	1 set	CYPCUT
(2)	CAD/CAM Software	1 set	Professional Nesting Software
5	Standard Accessories		
(1)	Standard work platform	1 set	China CSIC Group
(2)	smoke extraction system	1 set	China
(3)	Slag discharge device	1 set	China
(4)	High and low voltage proportional valve	1 set	China
6	Assistant Equipment (Optional Items)		
(1)	Voltage Regulator	1 set	China
(2)	Compressor	1 set	China

Office 1401, Building B3, Wanda Plaza, Economic & Technology Development Zone, Wuhan, China
Tel：027-84618501 Mobile：+86-15171495795 Skype: andy.laser
Web：www.eetomachinery.com E-Mail：andy@eetomachinery.com

V Configurations

1. Laser generator

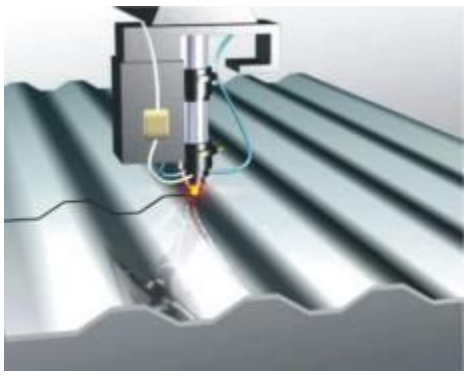
Adopting the top world import **IPG fiber** lasers and laser power supply, stable performance,overall product quality is guaranteed.

Fiber laser is a new type of laser in the world, it has large cooling area, high laser ray quality and small size. compared with huge size gas laser and YAG laser fiber has strategically advantage. Fiber laser has been an important candidate in high precision machinery, laser radar, space technology and laser medical.

2. Laser cutting head (USA Lasermech)

Adopt imports USA fiber laser cutting head and non-contact automatically tracking system,can automatically adjust the best focus length,to make sure the best cutting quality.To avoid the material is uneven, the focal length change caused by the material scrapped.

When the metal plate is not plat,laser cutting head can automatically up and down,it always keep a same distance between laser cutting head and metal plate surface.



3.Worktable

A,up to five tons in weight,16mm Thickness square steel tube and 25mm(T) steel panel. Due to the high weight,machine is very stable,nearly no shake when machine is running.

B,Beautiful and dignified in appearance,war industry technics and backfire treatment;high working efficiency and steady performance,it can obtain more than 10 years lifespan.

4.Imported Linear Guide Rail

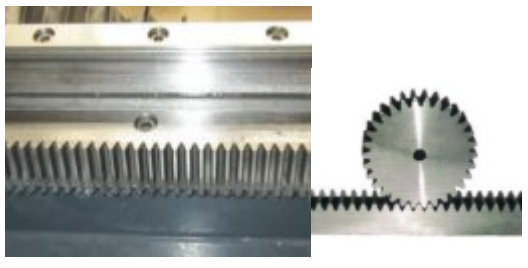
Higher speed noise volume is lower,ensure high accuracy and long service life.

TaiWan HIWIN Linear Guide Rai

Office 1401, Building B3, Wanda Plaza, Economic & Technology Development Zone, Wuhan, China
Tel：027-84618501 Mobile：+86-15171495795 Skype: andy.laser
Web：www.eetomachinery.com E-Mail：andy@eetomachinery.com

5.Imported Gear & Rack

transmission system adopt imported
gear & rack,much more higher precision than ball screw.



TaiWan HIWIN Gear & Rack

6.Imported Driver System

Imported servo system ensures the possibility of X,Y axis realizing extreme precise positioning with the excellent dynamic response acceleration property and closed loop control method, and that makes moving positioning mechanism operate smoothly, reliably and free of maintenance

Japan Panasonic Servo Motor

7.Control Handle

Light and compact with reliable performances.z

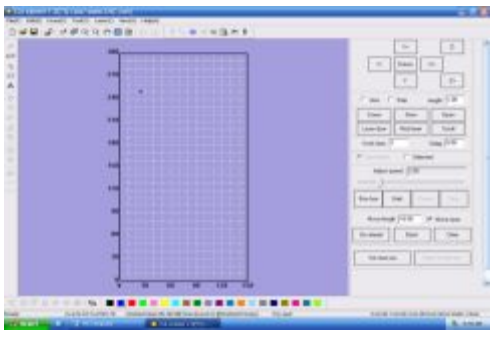
8. Control Cabinet

Small size control cabinet,more beautiful.
Install one Small aircondition for cooling control cabinet,only our company have this features for control cabinet.

9.Cutting Software

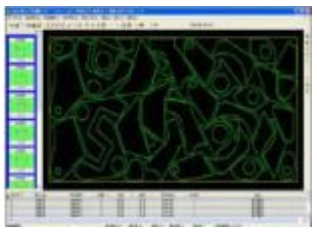
The professional laser cutting software which supports cutting path in DXF, PLT,BMP and other graphic formats;capable of setting cutting parameters in different layers;combining joined lines to ensure automatic splice of curve nodes;smoothing fold lines to obtain smooth cuts;optimized immediately after the completion of graphic design,thus improve the productivity. By making use of the compensation function of this professional cutting software,various cutting accuracy grades may be obtained.

CYPCUT Cutting Software



10.Nesting Software

It provides full-featured management capabilities and complete cutting solution,help user to reduce materials scrapped.



Office 1401, Building B3, Wanda Plaza, Economic & Technology Development Zone, Wuhan, China
Tel：027-84618501 Mobile：+86-15171495795 Skype: andy.laser
Web：www.eetomachinery.com E-Mail：andy@eetomachinery.com

11.Automatic Cooling System

Precision Temperature-Control Display Water Chiller ,our chiller's compressor (imported famous brand), evaporator with high-quality titanium tubes (Stainless Steel Plate evaporator for non-standard products), circulating multi-stage pumps with stainless steel materials, refrigerant drying systems use filters, thermal expansion valve to get high-quality, high efficiency and low noise's performance. And turbo flow intellectual switch is for controlling the temperature of cooling water in laser lamp;the flow control is for ensuring long-term continuously operation of the laser generator.

12.Laser Safety Goggles

To prevent the laser damage to your eyes. (**Goggles)**

VI Payment and delivery

Payment: 30% T/T advance payment, 70% balance before shipment

Delivery time: Within 25 days after advance payment

Warranty: one year

Optional

Due to the long distance between the supplier and machine user, on-site technical support has become an difficulty for all manufactures. Online support is the most convenient way to solve most machine trouble shootings. As a result, on-site training is very important for each machine user to learn sufficient knowledge to operate the machine. Most laser manufacturers can only offer 5-7days installation and training services, which is not enough for comprehensive training. **However, EETO can offer up to one month training as optional service.**

VI After Service

A. We will supply the machine with training video and user's manual in English for installing, operation, maintenance and trouble-shooting, we will give technical guide by e-mail, fax, telephone/MSN/ICQ and so on, we have engineers give you professional services.

B. Our engineer will do door-to-door instruction training service at your local site. The visa, travel expenses and accommodation during the business trip will be burden by your side.

Remark: The charge of air ticket, accommodation expenses in your country will burden by your side.

The main training contents as follows:

1,Machine operating procedures training;

2,Panel and the significance of control parameters, the parameter range of options;

3, The machine basic cleaning and maintenance;ing and maintenance;

4,Common hardware failure treatment;

5,Some problem of Operation should pay attention

6, In addition we also provide products processing technical support.

After machine installation and testing proper functioning, provide technical training not less than two days until the Customer's operator reaches the normal use of the device so far.